

CLAIM AMENDMENTS

Claim 1 (currently amended). A tool for hot-forming copper and copper alloys, comprising a tool body formed to receive copper or a copper alloy in the solid state and a tungsten/heavy metal alloy comprising consisting essentially of 80 to 89.9% by weight of tungsten, 2 to 7% by weight of chromium, and a remainder of a binder metal.

Claim 2 (original). The tool according to claim 1, wherein said binder metal in said tungsten/heavy metal alloy is at least one binder selected from the group consisting of nickel and iron.

Claim 3 (original). The tool according to claim 1, wherein said tungsten/heavy metal alloy consists of 82 to 85% by weight of tungsten, 4 to 6% by weight of chromium, and 9 to 14% by weight of said binder metal selected from the group consisting of nickel and iron.

Claim 4 (original). The tool according to claim 1, wherein said tungsten/heavy metal alloy is configured to form an extrusion die.

Claim 5 (original). The tool according to claim 1, wherein said tungsten/heavy metal alloy is configured to form an extrusion mandrel.

Claim 6 (currently amended). In a method of hot-forming copper and copper alloys, the improvement which comprises ~~subjecting~~ providing one of the copper and copper alloys in a solid state and subjecting the copper or copper alloy in the solid state to a tungsten/heavy metal alloy consisting of 80 to 89.9% by weight of tungsten, 2 to 7% by weight of chromium, and a remainder of a binder metal.

Claim 7 (previously amended). The method according to claim 6, which comprises subjecting the copper or copper alloy in the solid state to a die consisting of 82 to 85% by weight of tungsten, 4 to 6% by weight of chromium, and 9 to 14% by weight of said binder metal selected from the group consisting of nickel and iron.

Claim 8 (currently amended). In a tungsten alloy configured for hot-forming copper and copper alloys in a solid state, the improvement which comprises an alloy formed of 80 to 89.9% by weight of tungsten, 2 to 7% by weight of chromium, and a remainder of a binder metal material, bound to form a tool for receiving copper or a copper alloy in the solid state and hot-forming copper and copper alloys in the solid state.